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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Ilar

llan et al

Serial No.

10/764,389

Group Art Unit: Not yet known

Filed:

January 23, 2004

Examiner: Not yet determined

Title:

HETERODIMERIC DYE COMPOSITION

TRANSMITTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Transmitted herewith is an Information Disclosure Statement which is being filed in accordance with 37 C.F.R. §§ 1.56 and 1.97-1.98. The items listed on Form PTO-1449, a copy of which is enclosed, may be deemed to be pertinent to the above-identified application and are made of record to assist the Patent and Trademark Office in its examination of this application. The Examiner is respectfully requested to fully consider the items and to independently ascertain their teaching.

PRIORITY FIRST CLASS MAIL CERTIFICATE

I hereby certify that this paper and any attachments herein are being deposited on the date below with the United States Postal Service as Priority First Class mail to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Ronald C. Fedus

Reg. No. 32,567

Date

Enz-61(D8)

1. []	1449 t	ach of the following items listed on the enclosed copy of Form PTO- that is not in the English language, an English language translation of them or a portion thereof or a concise explanation of the relevance of that is enclosed:
2.[]	that is	ach of the following items listed on the enclosed copy of form PTO-1449 not in the English language, a concise explanation of the relevance of em is incorporated in the specification of the above-identified ation.
3. []	enclos or sub	opy of the items on the enclosed copy of Form PTO-1449 that is not sed with this Information Disclosure Statement was previously cited by mitted to the Patent and Trademark Office in the prior [] Divisional or ntinuation-In-Part application under 37 C.F.R. §1.60, U.S. Serial No, filed
4. []	No fee Stater	e is due under 37 C.F.R. §1.17(p) for this Information Disclosure ment since it is being filed in compliance with:
	[]	37 C.F.R. §1.97(b)(1), within three months of the filing date of the above-identified application.
	[]	37 C.F.R. §1.97(b)(2), within three months of the date of entry into the national stage as set forth in ∍1.491 in an international application.
	[]	37 C.F.R. §1.97(b)(3), before the mailing date of a first Office action on the merits.
5. []	Stater the per final a action	e is due under 37 C.F.R. §1.17(p) for this Information Disclosure ment since it is being filed in compliance with 37 C.F.R. §1.97(c), after griod specified in paragraph 4 above but before the mailing date of a ction or a Notice of Allowance (where there has been no prior final), and is accompanied by one of the certifications pursuant to 37 C.F.R. (e) set forth in paragraph 9 below.
6. [x]	Stater the pe	is due under 37 C.F.R. §1.17(p) for this Information Disclosure nent since it is being filed in compliance with 37 C.F.R. §1.97(c), after griod specified in paragraph 4 above but before the mailing date of a ction or a notice of allowance (where there has been no prior final):
	[]	A check in the amount of \$180.00 is enclosed in payment of the fee.
	4(50)	

- [x] Charge the fee to Deposit Account No. 05-1135, Order No. Enz-61(D8). A DUPLICATE COPY OF THIS SHEET IS ATTACHED.
- 7. [] A fee is due under 37 C.F.R. §1.17(i)(1) for this Information Disclosure Statement since it is being filed in compliance with 37 C.F.R. §1.97(d), after the mailing date of a final action or a notice of allowance, whichever comes first, but before payment of the issue fee, and is accompanied by:
 - a. one of the certification pursuant to 37 C.F.R. §1.97(e) set forth in paragraph 9 below; and
 - b. the attached petition requesting consideration of this Information Disclosure Statement; and
 - c. the fee due under 37 C.F.R. §1.17(i)(1) which is paid as set forth in paragraph 10 below.
- 8. [] A fee is due under 37 C.F.R. §1.17(i)(1) for this Information Disclosure Statement since it is being filed in compliance with:
 - a. [] 37 C.F.R. §1.313(b)(3), after the issue fee has been paid and information cited in this Information Disclosure Statement may render at least one claim unpatentable and is accompanied by the attached Petition To Withdraw Application From Issue;
 - b. [] 37 C.F.R. §1.313(b)(5), after the issue fee has been paid and information cited in this Information Disclosure Statement is to be considered in a Continuation application upon abandonment of the instant application and is accompanied by the attached Petition To Withdraw Application From Issue.
 - c. [] The fee due under 37 C.F.R §1.17(i)(1) is paid as set forth in paragraph 10 below.
- 9. [] I hereby certify that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.
 - [] I hereby certify that no item of information in the Information Disclosure Statement filed herewith was cited in a communication from a foreign patent office in a counterpart foreign application or, to my knowledge after making reasonable inquiry, was known to any individual designated in §1.56(c) more than three months prior to the filing of this Information Disclosure Statement.

- 10. [] A check in the amount of \$180.00 is enclosed in payment of the fee due under 37 C.F.R. §1.17(i)(1).
 - [X] Charge the fee under 37 C.F.R. §1.17(i)(1) to Deposit Account No. 05-1135. Order No. Enz-61(D8). A DUPLICATE COPY OF THIS SHEET IS ATTACHED.
 - [X] The Commissioner is hereby authorized to charge any additional fees which may be required for this Information Disclosure Statement, or credit any overpayment to Deposit Account No. 05-1135. A DUPLICATE COPY OF THIS SHEET IS ATTACHED.

Respectfully submitted,

Dated: March 8, 2004

Ronald C. Fedus

Registration No. 32,567

Mailing Address:

ENZO LIFE SCIENCES, INC. c/o Enzo Biochem, Inc. 292 Madison Avenue, 9th Floor New York, New York 10022 Telephone: (212) 583-0100

Telefax: (212) 583-0150



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE.

Applicants: Ilan et al

Serial No. 10/764,389

Filed: January 23, 2004

Title: HETERODIMERIC DYE COMPOSITION

Group Art Unit: Not yet known

Examiner: Not yet determined

527 Madison Avenue, 9th Floor New York, New York 10022 March 8, 2004

FILED VIA EXPRESS MAIL

Mail Stop No-Fee Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §§1.56 & 1.971.98

Dear Sirs:

Pursuant to the provisions of 37 C.F.R. §§1.971.98, and in full compliance with their duty of disclosure under 37 C.F.R. §1.56, Applicants, through their attorney, are bringing the following ninety-two (92) documents to the attention of the U.S. Patent and Trademark Office and the Examiner handling their above-identified application:

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Enz-61(D8)

Stavrianopolous, et al Serial No.: 10/764,389 Filed: January 23, 2004

Page 11 [Information Disclosure Statement - March 8, 2004]

The fee under 37 C.F.R. §1.17(p) for filing this Information Disclosure Statement is \$180.00. The Patent and Trademark Office is hereby authorized to charge the amount of this fee (and any other fees in connection with this IDS) to Deposit Account No. 05-1135, or to credit any overpayment thereto.

Respectfully submitted,

Ronald C. Fedus

Registration No. 32,567

Natalie Bogdanos

Registration No. 51,480

Attorneys for Applicants

ENZO LIFE SCIENCES, INC. c/o Enzo Biochem, Inc. 527 Madison Avenue, 9th Floor New York, New York 10022 Tel. (212) 583-0100

Stavrianopolous, et al Serial No.: 10/764,389

Filed: January 23, 2004

Page 2 [Information Disclosure Statement - March 8, 2004]

PRIORITY FIRST CLASS MAIL CERTIFICATE

I hereby certify that this paper and any attachments herein are being deposited on the date below with the United States Postal Service as Priority First Class mail to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Ronald C. Fedus Reg. No. 32,567 MAR 8 2004

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- 2. Baranov, et al., "A new technique for the characterization of long-range tertiary contacts in large RNA molecules: insertion of a photolabel at a selected position in 16S rRNA within the Escherichia coli ribosome," Nucl. Acids Res. 25:2266-2273 (1997) [Exhibit 2];
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- 4. Bellhouse, et al., U.S. Patent No. 6,004,286, filed September 18, 1998 [Exhibit 4];
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- 10. Dale, R.M., et al., "Direct covalent mercuration of nucleotides and polynucleotides," <u>Biochemistry 14</u>:2447-2457 (1975) [Exhibit 10];
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- 20. Ernst, et al., "Cyanine dye labeling reagents for sulfhydryl groups," <u>Cytometry 10</u>:3-10 (1989) [Exhibit 20];
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Stavrianopolous, et al Serial No.: 10/764,389

Filed: January 23, 2004

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- 74. Stavrianopolous, et al., U.S. Patent No. 4,994,373, filed July 20, 1989 [Exhibit 74];
- 75. Stavrianopolous, et al., U.S. Patent No. 5,013,831, filed May 8, 1990 [Exhibit 75];
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The ninety (90) foregoing references (numbers 1-90) were cited in the specification of the instant application.

A completed Form PTO-1449 listing the 90 above-submitted documents is also attached hereto as Exhibit 91.

Stavrianopolous, et al Serial No.: 10/764,389 Filed: January 23, 2004

Page 10 [Information Disclosure Statement - March 8, 2004]

By this voluntary citation of art, Applicants and their attorney are requesting that the documents be made of record in the present application.

The above citation of documents is not a representation that these documents constitute a complete or exhaustive listing, nor that the above listing necessarily includes the closest or most relevant documents, nor are these documents necessarily a complete listing of all documents known to Applicants or their attorney. It is simply a voluntary citation of documents made in good faith, which is not intended to serve in any way as a substitute for the Examiner's own search.

In view of the general and specific features described and claimed in the present application, Applicants respectfully submit that the present invention is neither disclosed nor suggested by the documents referred to above and is thus patentably distinct thereover. Furthermore, Applicants do not believe, and do not submit, by the citation of these references, that these documents, either by themselves or in combination with other documents, render the invention *prima facie* obvious under the duty of disclosure rules.

Applicants respectfully request that the Examiner make the above-submitted documents of record in the instant application. Applicants further request that the Examiner consider these documents as any of them may relate to the instant application.

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